



Published weekly for employees of Lawrence Livermore National Laboratory

Friday, February 14, 2003

Vol. 28, No. 6



**FROM THE  
DIRECTOR'S  
OFFICE**

**STEVE HUNT**

**Public trust depends on  
commitment to integrity**

*Director's note: Senior management recently unveiled a set of values for the Laboratory. Each value will be discussed in a Director's Office column. Today, Steve Hunt, AD for Laboratory Services, looks at the second value — integrity and responsible stewardship of the public's trust.*

The Laboratory has more than 50 years of demonstrated excellence in science and programmatic accomplishments, the result of our long-standing commitment to the same values that now are formalized in the LLNL Values statements.

Recent events have brought home how critical it is for all of us to renew our commitment to the highest levels of integrity and demonstrate that we are excellent stewards of the public trust. Integrity and responsible stewardship mean conducting every aspect of the Laboratory's activities in accordance with the highest ethical standards, and avoiding even the appearance that these standards

See **DIRECTOR'S OFFICE**, page 8

**Security status upgrade  
leads to enhanced security  
measures at the Laboratory**

On Feb. 7, LLNL upgraded its security status to Security Condition (SECON) 2, which corresponds to the national "Orange" alert status directed by Department of Homeland Security. At the present time there is no known specific threat to LLNL or its workforce.

Enhancements to the Laboratory's security are being implemented that will be noticeable to employees including:

- More frequent Protective Force patrols on and around the perimeter of the site.
- Increases in searches of hand-carried items and vehicles at perimeter posts, particularly to Limited Areas.
- Restrictions on parking in some areas on site.

In addition, employees will see an increase in the presence of Livermore Police vehicles along the roadways contiguous to LLNL. These upgrades are in keeping with the national threat level.

During SECON 2, Laboratory employees are

See **SECURITY**, page 7

**AAAS elects two Laboratory fellows**

**By Anne M. Stark**  
NEWSLINE STAFF WRITER

A former manager and one current researcher at the Lab have been named 2002 fellows of the American Association for the Advancement of Science.

Jeff Wadsworth, former deputy director for Science & Technology and former associate director of Chemistry & Materials Science, resigned in June but was named an AAAS fellow in October for work he conducted while at the Laboratory. Wadsworth is now a senior executive with Battelle Corporation's technology development and



Craig Smith



Jeff Wadsworth

Craig Smith, a nuclear engineer and project leader in the Energy and Environment Directorate,

commercialization organization.

He was cited for his "distinguished contributions in developing advanced materials and superplasticity and in determining the origins and history of Damascus and other steels and for broad scientific leadership supporting national security."

See **AAAS**, page 8

**Human impact on Great Barrier Reef assessed**

**By Bob Hirschfeld**  
NEWSLINE STAFF WRITER

The question of whether European settlement in Australia has affected the Great Barrier Reef may finally have been answered.

The answer is "yes," according to a team of scientists, writing in this week's science journal *Nature*.

By studying the geochemistry of coral in the Great Barrier Reef, the scientists, including Stewart Fallon of the Lab's Center for Accelerator Mass Spectrometry, in collaboration with researchers from Australian National University and the Australian Institute of Marine Science found evidence that sediment from runoffs has increased sharply in the 150 years since the first Europeans settled along the Australian coast.

The findings were published in Thursday's issue of *Nature*.

The article's authors conclude that land-use practices, such as cleaning and overstocking, have led to a major degradation of the semi-arid region, resulting in substantially increased sediment loads entering the inner Great Barrier Reef.

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See **CAMS**, page 7

**Lawrence visit**



FRANK NUNEZ/IBIS

From left: The Lab's Armando Alcaraz chats with Robert and Eleanor Lawrence during a tour of the Forensic Science Center last Friday. Lawrence, son of Laboratory co-founder Ernest Lawrence, and his wife were given an overview of Lab programs by Associate Director at Large Bruce Tarter before touring and receiving briefings on the Forensic Science Center, Medical Technologies, Homeland Security, the National Ignition Facility and Health Services.



**Livermore police  
chief visit**

– Page 5



**Training with  
Class**

– Insert





## LAB COMMUNITY NEWS

### Weekly Calendar

Technical Meeting Calendar, page 4

Friday  
14

Michael Lubell, public affairs director of the American Physical Society, will present **"Does Anyone in Washington Care About Science? A Political Junkie's View"** at 10:30 a.m. in the Bldg. 123 conference room A. Lubell is also chair of the Physics Department at the City College of New York. The talk is sponsored by the Physics and Advanced Technologies Directorate. Contact: Alan Wootton, 2-6533, or wootton1@llnl.gov.

Saturday  
15

Del Valle Fine Arts is presenting a performance by the **Del Sol String Quartet** at 8 p.m. at the First Presbyterian Church in Livermore. Tickets are \$12 general, \$9 for seniors and students, and free for youth through high school. For more information, visit <http://www.delvallefinearts.org> or call 447-2752.

Monday  
17

**The Lab is closed** in observance of President's Day.

Tuesday  
18

A **Fidelity Investments** representative will be on-site to meet with employees today and Wednesday. Fidelity Investments are available to UC's 403(b) participants in addition to the UC-managed investment funds. To make an appointment, call 1-800-642-7131 and be sure to specify you are an LLNL employee.

Thursday  
20

Rick Corrigan, a U.S. Treasury Department representative, will discuss **U.S. Savings Bonds** at noon in the Bldg. 571 conference room. Series EE bonds are available to Lab employees by payroll deduction. The purchase price of a bond is 50 percent of its face amount. Contact: Benefits Office, 2-9957.

Up  
&  
Coming

The **LLNL Retirees' Travel Slide Group** will meet on Tuesday, Feb. 25, at 2 p.m. in the Livermore Library meeting room. Margo and Arne Kirkewoog will present, "Adventures in New Zealand and Australia." Contact: Margy Odell, 449-7262.

Representatives of the U.S. departments of Energy and Labor will be in the Bay Area March 3-6 to assist current and former nuclear weapons workers and their survivors who have questions or need help filing a claim under the **Energy Employees Occupational Illness Program Compensation Act**. Appointments are available by calling toll-free 1-866-697-0841 or dropping in from 8:30 a.m. to 6 p.m. March 3-6 at Four Points Hotel by Sheraton, 5115 Hopyard Road, Pleasanton or 8:30 a.m. to 6 p.m. March 5 and 6 at Woodfin Suite Hotel, 5800 Shellmound St., Emeryville. For more information call (510) 637-1818.

## Lecture spotlights loss of U.S. technology

The Laboratory's Spotlight on Science series will feature operations security expert Wayne Morris, who will discuss "Protecting What's Ours: The Loss of U.S. Technology to Competitors," on Thursday, Feb. 20, at 7 p.m. at Amador Theater, 1155 Santa Rita Road.

This free community lecture will explore how highly protected research and development projects in the United States can be compromised through open source and other unclassified means.

Morris, who is an operations security certified professional with Wackenhut Services, Inc., will explain what is being done to prevent the collection of information on U.S. technologies.

"The measures our country takes to protect our U.S. technologies are some of the same mea-



Wayne Morris

sures individuals can take to protect their own personal information," Morris said.

He has more than 32 years of experience in security, much of it gained while serving with the U.S. Air Force. He has provided direct support to the DOE National Nuclear Security Administration's Nevada Operations Office for the last eight years.

The lecture series, "Spotlight on Science," is designed to address current topics in science and present them in an understandable way to the community.

This is the fourth year the Laboratory has offered this series. Admission is free and the talks are suitable for anyone interested in science.

For more information, go to <http://www.llnl.gov/llnl/06news/Community/lecture.html> or call 2-4599.

## Retirees Association welcomes new officers

The Winter "Installation" dinner-dance was held Jan. 17. The crowd of 86 enjoyed an evening of wine, dinner and dancing. The dinner also marked the installation of a new group of officers for 2003. The new chair is **Alan Mode**, secretary is **Harold Pfeifer**, vice-chair, speakers is **Royce Eckard**, and **Pauline Floyd** has the dual positions of treasurer and vice-chair, luncheons.

**Diana Sackett**, president of the LLESA board, and Steve Goodman, LLESA manager, commended out-going chair **Richard Hatfield** for his years of service to the retirees organization and his three years as chair. A new blue LLESA jacket and a gift basket of goodies from the retirees said "Thanks Dick for a great job!"

For many years, the "Retirees' Corner" has been written for *Newsline* by Bob Becker. Becker has asked to pass on this task, and we are fortunate to have Jane and Gus Olson volunteer as the new editors of "Retirees' Corner." From all of the retirees, our thanks to Bob for the work he has

### RETIREES' CORNER

done, and a welcome to Jane and Gus.

As always, they need your input, suggestions and comments to make this column successful. Their e-mail addresses are: AugustO@aol.com and JaneRubert@aol.com. Their snail mail address is: 493 Joyce St., Livermore, Calif. 94550. The intent is to have this column as a regular feature of *Newsline*, so look for "Retirees' Corner" the first Friday of every month.

The February luncheon will feature a talk by Ronald F. Lehman II, and the title of his presentation is "Thinking about the Future: Science and the Security of the Nation." The luncheon will be held Feb. 19 at Cattleman's Restaurant. Look for your e-mail announcement or go on-line ([www.llnlretirees.org](http://www.llnlretirees.org)) to make your reservation. Come join us for good food and a stimulating talk.

## Science on Saturday lecture series postponed

Due to the nationwide heightened security level, the Laboratory's Science on Saturday lecture series for middle and senior high school students has been postponed until mid-March.

The first lecture, "Medical Applications of Light and Lasers: Biophotonics," will be held on Saturday, March 15, at 9:30 a.m. in the Amador Theater at Amador Valley High School, 1155 Santa Rita Road in Pleasanton. The lecture will be given by Lab scientist Duncan Maitland and Athenian School science teacher Susan Daly.

On Feb. 7, the nation moved to a heightened level of security, known as the "orange" level alert status. Though there is no specific threat to the Lab, additional security measures are being put in place to answer to the national alert. This includes postponement of public tours and events at the Lab.

The Science on Saturday lectures will be held March 15 through April 12, from 9:30-11 a.m. at the Amador Theater. A complete list of all the lectures and the new dates will be available on the STEP Science on Saturday Website, <http://education.llnl.gov/sos>



**Did you know?**

**It is illegal to operate a cellular phone in Q-cleared areas.**

### NEWSLINE

*Newsline* is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

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Web site: <http://www.llnl.gov/PAO/>

AROUND THE LAB



Lab scientists look to address global water quality issues

Laboratory scientists held a workshop in late January to discuss how Lab expertise could contribute to national and international water quality and resource management needs.

Workshop discussion focused on the question: “What priority research issues need to be addressed to enable LLNL to make unique contributions to national and international water quality and resource management needs?” The workshop was facilitated by the National Water Research Institute (NWRI).

The goal of the workshop was to bring forward water related research issues via a set of delegates from each LLNL directorate involved in water related research. The workshop delegates prioritized the issues.

“The workshop allowed us to identify key areas of work the Lab would need to accomplish

to position it to make unique and important contributions to water availability and management, both nationally and internationally,” said Dave Rice, a group leader in the Lab’s Environmental Protection Department (EPD). “Water availability and management is one of the great global issues we face in the 21st century.”

Dana Christensen, principal deputy associate director for Energy and Environment and overall lead for the water initiative said: “This work should draw upon the multidisciplinary skills and abilities that are a hallmark of this Laboratory’s team approach to science.”

Research and other activities in support of the workshop and the water initiative in general are already in progress, he said.

A list of LLNL capabilities in the water field is being compiled. Three groups from across the Lab-

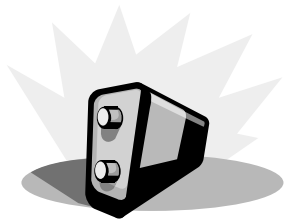
oratory are tasked with identifying the water research funding sources, types of water related activities being funded, the science and technology needs, and influential people/organizations on the state, national, and international levels, respectively.

On Jan. 22, the results of these efforts were presented in a water initiative open forum where all interested LLNL staff were invited to critique and supplement the information gathered.

In addition, a water initiative Website has been prepared (<http://waterinitiative.llnl.gov/>). The site will be used to provide a forum for LLNL researchers, interested in water, to communicate. Copies of the viewgraphs used during the water initiative open forum are available at this site along with further background information that was not presented because of time constraints.

New mail-in battery recycling option plugged

Many people are not aware that batteries contain toxic metals and/or corrosive components, which make them hazardous wastes when they become spent. By properly managing batteries, LLNL employees can help keep them out of the municipal landfill where hazardous components in batteries could be released to the environment.



There is now a convenient way to send your spent household size dry-cell battery types (size D and smaller) directly to the Battery Shop through the mail. Specific pre-labeled 4 x 6 inch plastic resealable bags have been placed in office supply rooms and shop stock areas throughout LLNL. Employees can simply go to their nearest office supply room to find a bag, place their spent batteries in the bag, and drop the bag in any mail slot for internal Lab mail. Facility Points of Contact (FPOCs) maintain bag supplies in office supply rooms and shop stock areas.

This mail-in option must not be used for batteries that are leaking or contaminated with radioactivity (i.e., batteries from Radioactive Materials Management Areas determined to be contaminated with radioactivity).

In late February, an EPD/Pollution Prevention Web site will be completed, which will describe the use of the new mail-in system, its limitations, and other available battery management options (including the use of Battery Reclamation Stations and establishing a designated battery accumulation container). Until this website is made available, specific fliers and questionnaires containing this information can be obtained through your FPOC or area environmental analyst.

Join your co-workers in fighting cancer

Purchase a bunch of freshly cut daffodils (10 stems) for \$10.  
A vase is available for an additional \$8.

Daffodil Days are here again. Each spring, the Laboratory participates in this benefit for the American Cancer Society and is one of the top fund-raisers in California. Employees donated more than \$20,000 in last year’s campaign. Daffodils are on sale through March 4 and will be delivered on Monday, March 24. See the list below for a representative near you.

Money from this American Cancer Society-sponsored event will go to research, education and patient services.



The deadline for an LLNL order is **Tuesday, March 4.**  
Delivery will be on **Monday, March 24.**

Check the list below for the LLNL Daffodil Days volunteer nearest you who is accepting orders.

| Name                 | Bldg. | Rm.   | Phone  | Name               | Bldg.   | Rm.  | Phone  |
|----------------------|-------|-------|--------|--------------------|---------|------|--------|
| Barnes, Tracey       | 111   | 501R  | 3-9060 | Pierce, Sue        | 2679    | 1269 | 3-1094 |
| Bell, Christine      | 1403  | 1101  | 3-9447 | Purpura, Gloria    | 1878    | 104  | 2-7281 |
| Berkich, Tracy       | 071   | 1020  | 2-8246 | Quick, Bonnie      | 451     | 1041 | 2-6510 |
| Breznik, Joanne      | 616   | 100   | 4-4101 | Rutan, Dena        | 231     | 2454 | 3-0696 |
| Conrad, Janet        | 113   | 4048  | 2-7561 | Sarlund, Nancy     | 261     | 1508 | 2-5072 |
| Dewolf, Chris        | 543   | 1277  | 3-8348 | Sefcik, Cookie     | 121     | 1013 | 3-2242 |
| Emmirsch, Shirley    | 551E  | 1090A | 2-6206 | Shuler, Jean       | 113     | 1030 | 3-1909 |
| Fread, Lanette       | 411   | 1422  | 2-9288 | Silva, Kathy       | 235     | 2070 | 4-2597 |
| Grandfield, Charlene | 5475  | 1359  | 3-1779 | Springer, Frankie  | 111     | 332  | 3-6192 |
| Jess, Rhonda         | 3703  | 1245  | 4-3057 | Sorensen, Nanette  | 2925    | 101  | 2-9670 |
| Jessup, Mary         | 111   | 169E  | 3-1760 | Stone, Sharon      | 663     | 1000 | 2-7459 |
| Jimenez, Irene       | 511   | 213   | 3-1273 | Thomas, Karma      | 2775    | 1019 | 2-5300 |
| Johnson, Chris       | 132S  | 1377  | 2-2670 | Thompson, Michelle | 871     | 124  | 3-1180 |
| Lindsay, Karen       | 321A  | 2100  | 3-5028 | Twiss, Carol       | 571/671 | 1138 | 2-9395 |
| Mahler, Florann      | 211   | 136   | 2-9173 | Watt, Maggie       | 332     | 1138 | 3-6003 |
| Mickels, Sharon      | 170   | 2110  | 3-9279 | Weyburn, Sandy     | 551E    | 221E | 2-0840 |
| Miller, Margie       | 314   | 1216  | 3-0265 | Williams, Anita    | 132N    | 2254 | 2-4550 |
| Nelson-Lee, Jennifer | 5426  | 1009  | 2-5750 | Yazzie, Darlene    | 132S    | 2322 | 3-7846 |
| Olund, Cindy         | 131   | 2075  | 2-3668 | Ybarra, Corinne    | 482     | 2158 | 3-9501 |





## NEWS YOU CAN USE

### ATSDR health agency to present latest public health assessment

The Agency for Toxic Substances and Disease Registry (ATSDR) will present its latest findings on the Public Health Assessments (PHA) it is conducting on the Lab in meetings Tuesday and Wednesday, Feb. 18 and 19.

The current ATSDR assessments concern the accidental tritium releases in 1965 and 1970 as well as the use of sewage sludge containing plutonium as a soil amendment in the Livermore community.

ATSDR is required to conduct a PHA of all facilities proposed for listing on the National Priority List (NPL). LLNL was placed on the NPL in 1987 for having groundwater contaminated with volatile organic compounds that could harm human health by contaminating drinking water. The Lab has an extensive environmental restoration program to assure human health is not

impacted.

The meeting on Tuesday, Feb. 18, will be held at the Arroyo Seco School at 5280 Irene Way. From 5 to 7 p.m., there will be a public availability session. This session allows members of the public to express directly to ATSDR representatives any public health concerns related to the Laboratory.

The public meeting begins at 7:30 p.m. and will focus on the historical accidental tritium releases from the LLNL site. ATSDR is close to completing its PHA on this subject. It has determined that the potential, historic exposures were below levels of public health concern. ATSDR has also found that chronic or long-term tritium doses from LLNL releases are also below levels of public health concern.

The meeting on Wednesday, Feb. 19, will

be held at the Livermore Council Chambers near the Livermore Public Library at 3575 Pacific Ave. The public meeting begins at 7 p.m. ATSDR will present the public comment version of its health assessment on Plutonium 239 in sewage sludge used as a soil or soil amendment in the Livermore Community.

ATSDR finds that the historic distribution of Pu-contaminated sewage sludge is not a public health hazard. This determination means that while the exposure might have occurred, or might still be occurring, the result does not cause sickness or death. The public comment period on this ATSDR assessment ends April 29.

For more information on the meetings or on the ATSDR health assessments, go to <http://www-envirinfo.llnl.gov/> or call Bert Heffner, Environmental Community Relations at 4-4026.

## Technical Meeting Calendar

Friday  
**14**

### CHEMISTRY & MATERIAL SCIENCE/MATERIALS SCIENCE & TECHNOLOGY

"Molecular Dynamics Simulations," by Vladimir

Dremov, Russian Federation Nuclear Centre-VNIITF, Snezhinsk, Russia. 3:30 p.m., Bldg. 235, Gold Room. Coffee and cookies served at 3:20 p.m. Contact: Tom Felter, 2-8012, Jim Tobin, 2-7247 or Rebecca Browning, 2-5500.

### INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Efficient Discovery of Previously Unknown Patterns and Relationships in Massive Time Series Databases," by Eamonn Keogh, UC Riverside. 10 a.m., Bldg. 451, room 1025 (uncleared area). Contact: Ghaleb Abdulla, 3-5947, or Leslie Bills, 3-8927.

### PHYSICS & ADVANCED TECHNOLOGIES

"MAPping the Universe," by Edward L. (Ned) Wright, UCLA. Noon, Bldg. 319, room 205 (uncleared area). Contacts: Michael Gregg, 3-8946, Sandra Maldonado, 3-0621.

Tuesday  
**18**

### ENGINEERING DIRECTORATE/CENTER FOR NONDESTRUCTIVE CHARACTERIZATION

"Ultrasonic Guided Waves: Inner Space Explorers," by Mike Quarry. 1:30 p.m., Bldg. 235, Gold Room. Contact: Ann Tyler, tyler8@llnl.gov.

### INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"DEFACTO: Combining Parallelizing Compiler Technology with Hardware Behavioral Synthesis," by Pedro Diniz, University of Southern California. 2 p.m., Bldg. 451, room 1025 (uncleared area). Contacts: Jeffrey Vetter, 4-6284, or Leslie Bills, 3-8927.

### PHYSICS & ADVANCED TECHNOLOGIES DIRECTORATE-WIDE SEMINAR SERIES

"Stim-2000 TENS: More than an Electronic Band-Aid for Pain," by Bill W. Colston. 2 p.m., Bldg. 123, conference room A (uncleared area). Contact: Ralph Jacobs, 4-4545.

Wednesday  
**19**

### COMPUTING RESOURCE CENTER

"Macintosh OS X and Windows Inter-operability." 9:30-11:30 a.m., Bldg. 543 auditorium. Contact: Candace Gittins, gittins1@llnl.gov.

### ENERGY & ENVIRONMENT

"Burn Thorium in Molten Salt Power Plants to Avoid the "Greenhouse" Calamity (Molten Salt Power Plant: An Old Design Updated to Meet Tomorrow's Needs)," by Ralph Moir. 1:30 p.m., Bldg. 543 auditorium. Contact: Camille Vandermeer, 3-2672. Refreshments will be served.

### INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"A Data Mining Approach to Modeling of Fusion Plasmas," by Michael Walker, General Atomics. 10 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: Erick Cantu-Paz (CASC) 4-2467, or Leslie Bills 3-8927.

Thursday  
**20**

### LIVERMORE COMPUTING WORKSHOP

"VGV, A Performance Analysis Tool for OpenMP+MPI." 9 a.m.-4 p.m., Computation Training Center, Trailer 1889. Register by Feb. 14. Hands-on exercises on how to use VGV will be provided. Contact: LC Hotline, 2-4531, or lc-hotline@llnl.gov.

### H DIVISION

"Epitaxial Oxides on Si: Theory of the Atomic and Electronic structure of the Si/SrTiO<sub>3</sub> Interface," by Alex Demkov, Physics Science Research Laboratory, Motorola, Inc. 3 p.m., Bldg. 219, room 163 (uncleared area). Contacts: Giulia Galli, 3-4223, or Darlene Klein, 4-4844.

Friday  
**21**

### PHYSICS & ADVANCED TECHNOLOGIES

"A Diamagnetic Relativistic Pulse Origin of Cosmic Gamma-Ray Bursts," by Edison

P. Liang, Rice University. Noon, Bldg. 319, room 205 (uncleared area). Contacts: Michael Gregg, 3-8946, or Sandra Maldonado, 3-0621.

Tuesday  
**25**

### PHYSICS & ADVANCED TECHNOLOGIES

"The Production of the Ne, Na, Mg and Al Isotopes in Asymptotic Giant Branch Stars," by

Amanda Karakas, Centre for Stellar and Planetary Astrophysics, Monash University, Australia. Noon, Bldg. 219, room 163. Refreshments will be served. Contacts: David Dearborn, 2-7219, or Sandra Maldonado, 3-0621.

Thursday  
**27**

### UNIVERSITY RELATIONS PROGRAM

"Coherent Nonlinear Spectroscopy of Single Quantum Dots," by postdoc fellowship

candidate Gang Chen of Bell Labs/Lucent Technologies. 10 a.m., Bldg. 319, room 205. Contact: Edie Rock, University Relations Program, 4-4035.

March  
**6**

### PHYSICS AND ADVANCED TECHNOLOGIES/N DIVISION

"Pure Penguin B-meson Decays in BaBar: a Window to Physics Beyond the Standard Model,"

by Alexandre Telnov, Lawrence Berkeley National Laboratory. 1:30 p.m., Bldg. 211, room 227 (badge required). Contacts: Doug Wright, 3-2347, or Pat Smith 2-0920.

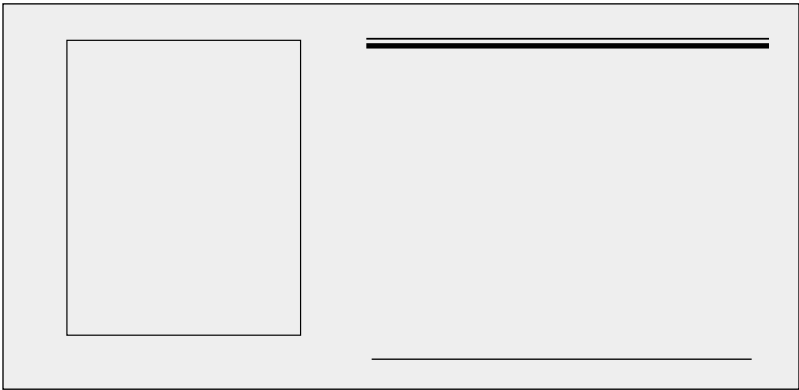
The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Send your input to [tmc-submit@llnl.gov](mailto:tmc-submit@llnl.gov).

# NEWS OF NOTE



This article under construction.



## Employees’ one-time password tokens required starting Tuesday

By now, many employees should have received One-Time Password (OTP) tokens in the Laboratory mail. To date more than 4,100 OTP tokens have been distributed. This work is being performed at the direction of Denise Sumikawa, director of Computer Security Technology Integration (CSTI), and in collaboration with Livermore Computing (LC). On Tuesday, Feb. 18, at 10 a.m., all users of the Open Terminal Server (OTS, LLNL’s dial-in service) will be required to use OTP

tokens to log in. Additionally, new users (since Nov. 1, 2002) of the IPA, VPN, VPN-C, WPS and WPS-C remote access services will also be required to use OTP to log in. Those with these types of access accounts have already received several email messages about this date and the new requirement. The distribution of OTP tokens is one of our ongoing efforts to both increase security through layered cyber security architecture

and reduce the need for many reusable passwords that require periodic manual changing. Employees who have an OTP token and have not tested it yet should visit <<https://access.llnl.gov/testotp>> to ensure that their token is functioning properly. Please be sure to test tokens prior to any business travel. For questions regarding OTP, or problems with tokens, visit <<https://access.llnl.gov/otp>> or send email to <[otp-help@llnl.gov](mailto:otp-help@llnl.gov)>.

## Changes in schedule for this year’s LDRD call for proposals

The Director’s Office has announced changes in the schedule for this year’s LDRD Calls for Proposals. To accommodate the Laboratory-wide science and technology (S&T) strategic planning process, the Call for FY04 LDRD Strategic Initiative (SI) Proposals will be delayed. Normally, the Director issues the SI call in mid-January. The Director’s Office projects that a working S&T strategic plan will be complete in early April. Accordingly, the SI call will go out in late April. To enable this change, the Exploratory Research (ER) schedule will moveup by a couple of weeks and the Laboratory-wide schedule will

go out today (Feb. 14). Because this schedule will place additional pressure on Laboratory Science and Technology Office (LSTO) to conduct the review of the ERs and the SIs simultaneously and to meet DOE deadlines for submitting all the datasheets in early July, principal investigators who plan to submit proposals are encouraged to begin the process early. Below is the proposed schedule:

**Laboratory-wide Competition**  
Feb. 14 — Call memo from Laboratory director to LLNL employees  
March 21 — Deadline for LW proposals to

LSTO

**Exploratory Research**  
March 21 — Call memo from Laboratory director to LLNL employees  
May 9 — Deadline for ER portfolios from the directorates to LSTO (Note: this is two weeks earlier than usual)

**Strategic Initiatives**  
April 25 — Call memo from Laboratory director to LLNL employees  
May 23 — Deadline for continuing SIs and new preproposals to LSTO



# CLASSIFIED ADS

See complete classified ad listings at  
<https://www-ais.llnl.gov/newsline/ads/>

**AUTOMOBILES**

1994 - Mitsubishi 3000GT, white, great condition, \$8,500.00. 925-447-2670

2000 - Gray Buick Park Avenue 85K miles new tires leather seats all power great condition \$10,000. 209-835-8200

1994 - Pearl white, 3000GT, 5speed, 6 disk CD changer, great condition. \$8900.00 925-447-2670

1993 - Toyota 4-Runner V6. Roof racks and tow package. \$5,000 925-980-0923

1985 - Jeep CJ7 \$6000 good condition factory rebuilt 6 cyl. 31K miles, new clutch, brakes,2 tops, lift 4 spd. 925-846-8919

1967 - Ford Mustang coupe. Apple red with vinyl black top. Runs really good. 6 cyl, CD, leather seats. \$6000 OBO.College grad needs commuter car. 209-835-5031

1998 - MAZDA 626 LX, manual trans., fully loaded, sun roof, alloy wheels. \$95K miles, one owner, excellent condition, very clean. \$6,300/bo 510-595-1755

1995 - Plymouth Voyager Se. Rally Pkg.In excellent condition.60K original miles, Loaded. \$6,950.00 Pg. 02734 Ph 525-4030 209-824-0227

1962 - VW Motor. Complete. New valves and seats. Ready to go. Asking \$450 925-373-7294

2001 - Pontiac GrandAm GT Coupe. Excel. Cond. Silver, all power, leather int., sunroof, 31k mi. Need loan paid off. 209-858-1521

1980 - k5 blazer.lift,rims,tires,perfect body,new motor needs tlc. \$2500 firm 925-382-0544

1990 - Ford Aero van XL, 7 pass, 4 liter, loaded, approx 68K miles, \$4,750.00 925-735-6002

1998 - Toyota Camry, one owner, immaculate, 58K miles, new tires, garaged. \$10,500 OBO. 925-846-7384

1993 - Mazda MX-6 Sports Coupe, 5-speed, sunroof, good condition. \$3500/BO. 925-485-1988

1993 - Cadillac Seville STS, only 66,000 miles, fully loaded, leather interior, Pioneer stereo, CD changer, Excellent condition, must sell. \$10,000 OBO. 650-784-3106

1998 - Ford Mustang, Silver, Auto trans.,Power tinted windows & keyless alarm entry, CD stereo, spoiler, great condition, \$6750 obo. 925-964-0534

1996 - Ford Mustang, V-6, 5-speed. Power/AC/CC/CD, Sunroof, rear spoiler. Good Condition \$5200 925-373-4888

1972 - BMW-2002 classic 2-door model. Low mileage on rebuilt motor, runs well; has 4-speed transmission with sticking synchromizer gear. \$2500-OBO. 925-449-4176

1998 - Acura Integra GS, 4 cyl, 5 sp,leather upholstery, cd, fully loaded, alloy wheels, moon roof, forest green, 59K miles, excellent cond, \$11,000. 209-830-8300

1969 - Ford Mustang. Rebuilt 351, Automatic, PS,AC, partially restored. Needs someone who has the time to care for it. \$4,000 obo. 925-455-6310

1972 - Citroen D special. Folding sunroof and swiveling highbeams. Engine rebuilt in 1999. Needs interior and rust repair in trunk. \$1000 obo 510-535-2134

1992 - Honda Accord LX Well maintained. 104k. PS,PW, PL,Auto,AC. New tires. 90k service complete. \$4400 obo 925-934-

8007

1989 - Ford Bronco, 4 WD, 5 Speed, Oversized Tires, New Transmission, 151k, 3300 obo 925-918-1472

1992 - Honda Accord EX, Champagne 4-door sedan. 172K miles. Recent timing belt and struts. Runs great. \$4,200 OBO. 209-839-8102

1993 - Ford Thunderbird LX, great condition, 72,000 miles, 3.8L V6, White ext, Light blue int. \$3000.00. 925-449-4379

**AUTOMOBILE ACCESSORIES**

Set of tires, rims and hub caps for a 2001 Honda Accord. Used only 3000 miles approximately. \$80 209-234-3854

Chevy small block cylinder heads, bare. Casting 3884520, 1.72/1.5 int/exh. \$40/pr. Call Ron 925-757-6896

Tire P225/50/16 BO 925-735-6002

Bug Shield for Mazda MPV, \$20 or BO. 925-455-1730

**BICYCLES**

Trek 850 13 inch frame excellent condition.\$50. 209-823-5845

Great condition Moutain Bike for an adult 50.00 209-892-2369

**BOATS**

1995 Sanger boat V8 skyboom,cd player amplifier. Rarely used like new condition. Low hours. Always garaged. Must see to appreciate. 14,000 OBO. 209-324-7912

**ELECTRONIC EQUIPMENT**

Pentium II class desktop PC, 2 HD, CDROM, Ethernet, modem and sound cards, broadband internet ready, color monitor. Like new \$375 925-292-7788

Casio color graphing calculator-New; Unopened packaged. I already have a TI-85. Will sell for \$30/OBO. 925-784-3731

Fax machine/copier. Canon multi-pass C2500. Works great. \$70.00 510-635-2734

**GIVEAWAY**

REE 45 MCRX Bessler enlarger. Works, but probably needs to be aligned. Neg. holders included. No lenses. You pick up. 925-456-0968

Platform double bed. 6 drwrs. No mattress. Headboard. White w/ pine drwr faces. U pick up in Livermore. 925-200-9976

Free to a good home, shy, black and grey, 7 year old spayed female cat. Moving to the East Coast and cats do not travel well 925-454-9431

Electronics Magazines--several years of Circuit Cellar electronics hobbyist magazines. Free to good home. 925-447-9650

FREE! Hammond Chord Organ, Penny Owsley, Model S. May need a vacuum tube (some keys do not play). 925-449-6740

**HOUSEHOLD**

Brown leather modular chair and ottoman set, 2 chairs and large ottoman, can be used as corner set \$300 or BO 925-292-7788

Two birdseye maple dressers, excellent condition, one mans highboy \$500.00, one womens curved front with mirror \$800.00 for \$1200 for both. 925-447-7780

Coffee table and two end tables. Beautiful oak and fruitwood finish 60x24 and 27x27 Like new. \$225 925-447-6670

Pine/iron bunk beds w/mattresses \$350, 2 dressers, \$50-\$75, antique mirrored armoire \$400. All in excellent condition. Negotiable. 209-835-1128

Two marble double sink tops, 21x92 beige swirl & 21x82 gold swirl. Each with 4 inch back splash. White cabinets too. \$45 each. Entry Door \$45. 925-938-4136

Large desk, very sturdy. \$70.00 510-635-2734

Stone grinder. Use for grains only, wheat, corn, etc. \$100 925-447-3432

Refrigerator, side by side w/ice & water, 25 cu ft. Almond color. About 15 yrs old but in good shape. \$175. In Livermore. 925-337-1106

Sofabed, brownish orange color, couch 68 inches wide, bed 53X68 inches. \$25, you pick up in Livermore. 925-443-3326

1940s club chair and couch. Good condition, original upholstery, \$700. 925-449-1924

Mediterranean yellow stripe velour sofa 92 inches great condition. \$175.00 925-447-5569

SOFA SLEEPER, queen, lazy-boy, great mattress for sleeping, pale grey with pale rose and pale blue design. \$250 OBO 925-447-9344

Overstuffed espresso brown leather recliner. Swivels and rocks as well. Never used. Originally \$1,350 - asking \$375.00. 209-833-1342

Solid Oak Entertainment Center for up to 35 inch TV with Stereo cabinet, tinted door and Storage \$250 925-243-1033

Lexus stainless steel coffee commute mug. Brand new. Paid \$20+. \$10. 925-648-0671

Oak entertainment center, looks like an old refrigerator, perfect condition, \$75 925-449-3499

Kenmore Washer&Dryer. White, large capacity, 4 yrs old. Great shape. \$450 for set. 925-373-3911

Desk for sale 56in by 30in,6 drawer, walnut, excellent cond. \$100 925-600-1661

Queen size sofa sleeper in good shape \$100; queen size mattress & box spring \$100 925-240-0794

Vinyl Window, white, double pane, low-E, 3 ft. 10 in. (H) by 4 ft. 9.5 in. (W), retrofit type, great shape. Used 2-3 yrs. Asking \$100. 925-735-0831

Sofa & Loveseat, off white \$250. 2 wood Daybeds with mattress \$150 each. Sure Fit Antionette slip covers paid \$330, best offer. 209-832-3002

Kitchen island 2 solid oak base cabs. w L-shaped white laminate counter, oak trim. \$1000/OBO. Call after 2:00pm. Must see! 209-836-1455

**LOST & FOUND**

Prescription eyeglasses left in Benefits Office. Lavender wire frame. 209-833-1201

**MISCELLANEOUS**

Hi end Mitsubishi Stereo system, matched set of preamp, amp, tuner, multiCD with a turntable and matching cabinet. Excellent, \$450 or BO 925-292-7788

Swim Coat Like New. Sz Large. Green with Gold Lining. Great for Cold swim workouts. . \$45 Firm. 209-835-5031

Gib Crane, 8 ft I-Beam Arm, swings over 180 deg, ex-Lab equipment, like new, \$300. 209-848-1375

Table Saw. 10in Ohio Forge (Old Home Depot Brand) Good condition (New belt) Need more room in garage. \$100 or Best Offer 925-447-2697

Rocking chair, \$50; forty inch rat-tan glass table with two chairs, &125.; Baby crib, \$50; two black leather chairs with side table, \$100 925-829-3068

CRAB FEED. Aahmes Shriners Novkeys @ Centennial Hall, Hayward, 2/21/03. Live C/W music, dancing, prizes. \$25 ea. Call for tickets. 925-449-5667

SAFFRON reveals the hidden chef in you! Try cooking with SAF-FRON, Spanish Mancha Superior, Chef Quality, Introductory 0.5 gm \$3.00 510-614-8065

Sony Playstation 1. \$20.00 510-635-2734

Telescope, Celestron/NexStar. Manual or computerized use. \$300 925-447-3432

Corrugated 4inch plastic drain pipe, 100 feet new 925-735-6002

Chandelier with five glass chimnies with wicker shades \$45.00 925-447-5569

TV -13 inch sharp. 1 year old only used approx. 5 times. execl. cond. New \$85 sell for \$40 925-776-5612

Honda lawnmower (\$200), fertilizer spreader (BO), edgers (BO), wheel barrel (BO), misc irrigation supplies (BO). Good condition. 925-484-3847

OUTRIGGER CANOE PADDLING! Like water? Like team sports? Try Hawaiian Outrigger Canoe Paddling. 925-200-4475

Scroll Saw, Craftsman, 16in. Direct Drive, 1700spm, 7/8in. stroke length, 2in. max depth, used 3 days, \$121.00 new, \$95.00 OBO 925-447-0747

Antique leather wardrobe truck, \$50. 925-449-3499

Elite Gold Candy Vending Machines on wooden stands.\$100 each. Pictures and candy for filling are available. 209-334-1006

New - Ladies Movado Black Leather Classic Museum Watch - Signature Concave Dot on a Black Dial. Selling for about \$250. Asking for \$140.925-784-3731

**MOTORCYCLES**

2000 - Suzuki Bandit 1200S. Maroon, looks and runs great. Low miles, priced to sell \$4799. 925-829-1249

1998 - 883 Screamin Eagle, Harly Davidson Sportster approx.5k miles asking \$5,300 209-518-1731

2091 - Harley Softail Goodies. PythonII pipes \$100 Arlen Ness Mirrors \$40 Kuryken pegs 2 pairs \$80 Stock Pully w/chrome cover \$100 Rob 925-373-7294

2002 - Kawasaki Concours. Silver/Black, Rifle Windscreen, 6000 miles, Excellent condition. \$6000. 925-516-0927

**MUSIC INSTRUMENTS**

Fender Super Amp head only, 60s vintage brown face, \$150. Also have Music Man 115RH bass cabinet, \$250. 925-757-6896

1983 Richenbacher Bass/w case Asking \$650 1982 Krammer Bass/w case. Aluminum Neck/wood inlay. Asking \$300 925-373-7294

Yamaha Disklavier upright piano, ebony finish; speakers, MIDI, mic.

w/stand. Play, record music. \$6K/OBO. Call after 2:00pm. Must see! 209-836-1455

**PETS & SUPPLIES**

Dog Run, 6ft tall, 7.5ft wide, 13ft long. Like New. Assembled Paid \$350/asking \$250 925-961-0153

Boxer puppies - only a few left. beautiful fawn colors w/papers. \$500 each. Dam and Sire dogs on-site. 209-832-5540

Free cat. Friendly, quiet, male, fixed, well mannered, house trained. Abandoned at my apt. Landlord says no. Too bad. Named him Mr. Perfect. 925-245-1315

Cat needs home ASAP. One-year-old, healthy, neutered male indoor cat. Sweet disposition. Orange-tan short hair. Please help. 510-832-3113

Birds - Lovebirds, dif. colors. \$30 ea or \$50/pr. Parakeets dif. colors \$20 ea 925-776-5612

Free older Rottweiler. Abandon, age unknown, male, friendly, has shots, very friendly, chicken safe, hates cats, not leash trained. 209-823-6984

LAB PUPS. Black and Yellow. 6 weeks old on the 17th. Pups have shots and papers. Both parents have a mellow demeanor. \$400 209-874-5732

Need two dog houses. One for large dog and one for medium dog. 209-576-7560

Kittens will be ready to take home 3-1. 2black/white and 1grey. Very docile mother,have been handled since birth. Modesto area,leave a message. free 209-529-1961

SHIH-TZU puppies,for sale,ready 03-04-2003, males/females, black and white. 209-839-1375 209-836-0611

**RECREATION EQUIPMENT**

Nordictrack Pro, upgraded handles, utility tray. Excellent condition. Originally paid \$600 plus. Asking \$250 OBO. 925-371-0558

Self-propelled treadmill. Keep that New Year's resolution going. \$50. 925-485-1988

WEIGHT BENCH. York brand adjustable bench press. Includes preacher curl and bar dip attachments. good condition \$200 925-240-9380

**RIDESHARING**

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp>.

Modesto - reclining seats, reading lights, 7:45-4:30, \$114/mo (pretax reduction available), help drive & save more! 209-521-9047, ext. 2-5177

Oakland/Montclair - Riders wanted for new vanpool. 5/40 8:15-5:00 work schedule. Contact ext. 2-4227, or 510-530-1289, ext. 2-9831

Lafayette - LaMOrinda Vanpool (also Walnut Creek stop at Rudgear Rd), reclining seats, reading lights, 7:45-4:45, \$100/mo (pretax reduction available) 925-943-6701, ext. 2-3005

Manteca - Rider/Drivers Wanted for carpool. Work 8-4:30pm. 209-823-5085, ext. 2-0643

Ceres/Modesto - Looking for riders for a potential 9/80 vanpool. 209-537-0229, ext. 3-6631

Sonora - Carpool rider needed. Flexible hours. Leave from Sonora, Columbia or Jamestown to LLNL. 209-588-8733, ext. 4-3919

Manteca - Working 9/80s? Ride

Due to space limitations, *Newsline* may withhold ads that have already run. They will still appear on the Web.

CAMS

Continued from page 1

However, they reached no conclusions regarding the resulting impact on the offshore marine environment.

Using a new approach to study the coral, the researchers measured the barium content within the coral skeleton, using a relatively new technique called “laser ablation inductively coupled plasma mass spectrometry.” They analyzed a 5.3-meter core from the Havannah Porites coral dating back to approximately 1750, as well as shorter cores collected five years ago for Havannah and the nearby Pandora reef.

The corals are affected by episodic discharges of freshwater flood plumes from the Burdekin River, the largest single contributor of suspended

sediment to the inner Great Barrier Reef lagoon. Although the buoyant, low-salinity flood plumes generally flow more northward along the Great Barrier Reef coastline, they occasionally reach the mid-shelf region, and thus directly impact the more “pristine” regions.

Barium deposits in the coral samples can provide high fidelity records of suspended sediment loads entering the reef. According to the researchers:

Barium is desorbed from fine grained suspended particles (clays) in the low salinity region (0-5ppt) of the estuarine mixing zone. Thereafter barium behaves as an essentially conservatively dissolved tracer, being advected with the flood plume and partitioned into the coral carbonate skeleton in proportion to the ambient seawater concentration.

The Havannah coral shows a significant

increase in barium beginning around 1870, about two decades after the arrival in northern Queensland of European settlers, who began clearing land for their sheep and cattle. The researchers used historical weather records to disregard spikes in the barium/calcium content of the coral during drought-breaking floods, which produced increased suspended sediment loads.

According to the barium records in the coral, the Burdekin River shows a five to tenfold increase in suspended sediment load following European settlement.

The *Nature* report concludes with a warning that reducing sediment discharges must become a high priority if coral reefs are to survive the lethal combination of direct human impacts and rapid climate change.

SECURITY

Continued from page 1

reminded to have heightened awareness in their everyday activities and report any suspicious incidents that may be a potential security concern. Such activities as persons loitering around the perimeter fences of the Laboratory, photographing Laboratory buildings from parked vehicles or other off-site locations, or unusual activities that do not seem to be consistent with the norm, should be reported promptly to PFD at 422-7222.

Laboratory employees also should ensure their security badges are not openly displayed while at off-site facilities such as restaurants, stores, or places of entertainment. Strangers asking pointed questions about Laboratory activities, particularly security-related functions, should also be reported to PFD as soon as possible.

In the event of a specific geographical or LLNL specific threat, additional security precautions will be taken. Among the possible actions is the temporary control of East Avenue between Vasco Road and Greenville Road (security posts would be established at the Vasco Road and

Greenville Road intersections to check badges of persons entering that portion of East Avenue). Employees will be notified by both Laboratory and public media sources as well as by roadway signage should this action be required.

Security Program Liaisons are available to answer questions. Information on the appropriate directorate contacts can be found at <http://www-r.llnl.gov/securityprogram/ reps/index.html>

The cooperation and patience of all Laboratory employees is appreciated during this period of increased threat level.

with us four days a week. 209-823-8309, ext. 2-8669

SERVICES

Professional, photojournalistic wedding photography. 510-658-2577

TUTORING in high school and college chemistry and math. 925-443-2095

Construction consultation/inspection services. 209-832-3052

AFFORDABLE TAX PREPARATION: Licensed, bonded tax preparer specializes in TAX preparation alone. Will work with your schedule. Call: 209-832-4335

Family Daycare - Opening available for pre-school child 15 months to 4 years old. Open 7:30am to 5:30pm weekdays. Excellent references. 925-443-6549

Web design and development [www.shanestyle.com](http://www.shanestyle.com). Get on the web professionally starting at 200.00 for a basic site. 925-245-1560

CONCRETE: Custom, stamped, colored, foundations, retaining walls & more. Over 20 years exp. Lic#787092-B. 408-806-9816

Need your vehicle fixed? I am looking for extra work. Oilchanges,tuneup,brakes,detailing and more. Certified. 925-292-5051

SHARED HOUSING

Livermore - Room for rent. Share house with large yard, garden, fruit trees. \$560/month, plus 1/3 util. and deposit. Near Portola and Livermore Ave. 510-816-0514

Pleasanton- - Detached studio with private entrance in residential area,appropriate for single only, \$ 845/mo including utilities and garbage 510-913-7403

Livermore - furnished room for rent. Mature adult/long term preferred. Clean/quiet. \$550.00/month. Share utilities 1/3. Deposit required. 925-449-1128

Livermore - Room in 3bd 2ba new home across from LLNL full priv. Internet access \$600.00 1/3 utilities first and last furnished or unfurnished N.P N/S. 925-443-2288

Livermore - Downtown, Garden setting, very private, New floors/paint. Partially furnished if needed. Prefer no smoking/pets. \$700/month. 925-449-1550

Pleasanton - Huge master br suite with walk-in closet and pvt bath, Valley Trails area, spa, ns, pets ok, \$825 plus 1/3 utils. 925-600-0297

Livermore - Wanted: part-time bedroom (4 days/wk) near the Lab: quiet area (day sleeper). No kitchen/laundry/bath. 916-624-4395

Livermore - Room for rent, private bath, use of amenities, freeway access, short trip to Lab. BART & Las Positas, N/S, no pets, \$700.00 & 1/2 utilities 925-606-9982

Pleasanton - - room for rent (2 bd, 2 bath apt). avail 3/1. \$650, \$500 dep. 12 min to lab. w/d, a/c, covered parking, storage closet, dsl, cable. 925-924-0273

TO TRADE

Various household items. Rattan set with two charis and 40 inch glass table. \$125. Two black leather arm chairs with side table \$100. Baby crib 50. 925-829-3068

TRUCKS & TRAILERS

1995 - John Deere tractor model 870 with 440 loader, box scraper and fork lift 450 hours excellent condition \$14,000.00 925-447-7780

1978 - Dodge D150 Pickup with Camper Shell. Long Bed, Hitch. 4 speed 225 Slant six. Only 98,000 miles. New Alt, No A/C. Good Condition. \$2500 or B/O 925-447-2697

1986 - Toyota 2WD pickup w shell, 4-Cyl. 2.4 L, 5 speed man, 165k miles, AC am/fm cass. kbb fair cond \$955 needs paint, rear bumper, see at lot A-8 925-449-1318

1999 - Coleman Niagara folding camping trailer, sleeps 8, refrigerator, inside & outside stoves, toilet, shower, water heater, furnace, awning, \$7500/OBO 209-835-5823

2000 - Dodge Dakota Club Cab SLT, 32,500 miles, 3.9L V6, A/C, cruise, pwr lcks/win, ABS, excellent condition, 2 yrs left on extended warranty, \$14,500 925-455-6912

1971 - 21-ft travel trailer good cond.

needs minor work. sleeps 5. \$1000 obo \$1500 with 5500 watt gen. 209-529-1961

2000 - 2000 25ft Coachman, perfect condition, Very clean. \$11,500. ph: 209-614-1694

1994 - Ford Ranger XLT, Black, 4L-V6, Std, AC, PS,PB, AM-FM CD Changer, 83K miles, Great Condition \$4500 obo 209-830-7225

2000 - Dodge Dakota 4WD, club cab, 26K miles, 4.7LV8, auto, AC, PS, PB, pwr win/lcks, cruise, AM/FM/cas, alarm, ABS, bed liner. Excellent cond. \$16,800 OBO. 925-245-9904

2002 - 2002 Chevy Truck 1500, LS, Red, w/grey leather,lowered,Billet wheels. Looks Sharp! Great Condition! Low Miles. \$23K (OBO) Call (925) 989-6976 or 925-373-8244

1978 - Chevy Luv, lowered, 16 inch wheels,runs good,good gas milage, must sell, \$1500.O.B.O 209-321-3143

1960 - F-100 Longbed. 292 Y-Block, Automatic trans, 99.9% Rust Free, New Interior, headliner, WWW tires, Recent Paint, Runs great, Daily driver. \$3600/obo 925-961-0462

01 - Chevy S10 ZR2 4x4 Extended Cab All extras \$16,500 925-755-0335

1995 - XLT Explorer, 4X4, 64K, Excel Condition \$8900 209-836-2658

1999 - Dodge Dakota Crew Cab, White, V-6, 5-Speed, AM/FM Cass, 79K miles, excellent cond in & out. 9,995.00 OBO 925-634-8523

1978 - Chevrolet 4 wheel drive, auto trans, 350 Engine, good tires, towing pkg, lumber rack, runs good, smogged and tagged - \$2000 OBO 925-828-9174

2000 - Toyota Tacoma xtra cab 4x4 TRD, 5 speed manual, 71K, Snug-top, All options, \$18500. 209-823-5573

2001 - Coleman Santa Fe Tent Trailer. Sleeps 7,awning,scrn rm,elec lft,3way refr,wtr htr, frcd air htr,in/out stoves, lot more extras. \$8000.00 408-243-6331

1998 - Chevy 1500 Silverado, Ext Cab 4x4, Calif Concepts Package, New tires, Lifted, Leather, Power, Moon Roof, 3rd Door, 48k miles, loaded. \$19,500 209-823-4034

1986 - Ford F150 XLT, newer tires, camper shell, low miles on factory

rebuilt engine. \$2,000.00 OBO 925-803-7627

2000 - Ford Ranger XL, Excellent Condition! \$6,820 4-Cyl, 2.5 Liter, 5 Speed Manual >40,000 Mi. AM/FM Stereo,Dual Front Air Bags, Bed Liner! 510-714-5149

VACATION RENTALS

SOUTH LAKE TAHOE - 3 Bedroom 2 bath Chalet,newly remodeled, nicely furnished all amenities, close to all skiing. RESERVE NOW! 209-599-4644

SEA RANCH - - Oceanview home. No smoking. No pets. Adults only. 2BR(KQ)/2BA 1700sqft. Hike. Bike. Whale watch. Kayak. Swim. Tide pool. 925-443-5086

Solana Beach/Del Mar - Oceanfront condo, Solana Beach/Del Mar, Deluxe 2br.2ba., tennis,pool,jacuzzi,gated parking, fully equiped, near San Diego attractions 925-443-2271

Soda Springs/Donner Summit Classic A frame, 2BR/1BA+Loft, sleeps 8, Walk to Royal Gorge 5 min to Sugar Bowl \$250 wknd,\$550/week call for availability 209-836-3481

Maui: Kihei - New everything 3Bdrm 2Ba Home. Walking distance to beaches, shopping, restaurants. Two week min. LLNL Rates. Ask about monthly discount. 925-443-1172

MAUI-Kihei 1,2&3 bedroom condos. On beach, large pool,tennis courts,putting green, near golf course. Beautiful grounds,near golf course. 925-846-8405

Maui, Hawaii - Maui condo, RCI Gold Crown, large, 1 bed, 2 bath, sleeps 4. Available May 9-16 or trade for other times. 925-447-0856

North Lake Tahoe - :Tahoe City, 3 bdrm, 1-1/2 ba twnhse, all amen. Close to ski resorts, , spa, slps 6. \$300 wknd, \$650 Week. 925-672-5130

South Lake Tahoe - Large comfortable home just minutes from skiing and casinos. Many amenities newer furniture mid week rates 925-484-3162

WANTED

Will give home to unwanted or abused plants. All plants welcome. 209-823-5704

Wanted garage door opener with remotes. 925-961-0153

Carpenter or handyman to install and finish decorative moulding in home. 925-443-0126

1996-97 Thunderbird in very good condition,fairly low miles. 510-582-2938

WANTED: China cabinet or hutch. Also a Queensize Futon. 510-635-2734

WANTED: Small 12v Electric Trolling Motor. Also a 2 inch wide Belt Grinder (Burr King, Etc.) 925-455-1730

Granada High School Class of 1982 classmates. We are having our Reunion. This event is June 28, 2003. For more info, 925-443-3451

Used Eyeglasses: My son is collecting eyeglasses for the Lions in Sight organization for his Boy Scout Eagle Project. 925-989-8931

WANTED: General Mills Box Tops for Education. Collecting for school library. Collecting year round. THANK YOU! 209-576-7560

Queen size bed frame in good condition. Will pick up at your convenience. 209-612-8052

WANTED: 15hp outboard motor in good running condition. 510-728-1185

HouseKeeper needed in our Tracy home 3 to 4 hours every week. Experienced only and references preferred. 209-832-3435

2000-2002 Honday Odyssey EX Minivan with low miles to buy from you! 209-334-1006

Partners for 4 Giants season tickets. Lower Box 131, Row 37, seats 9-12. Three partners looking for as many as 5 more. 925-245-1137

Would like to buy CAL (mens) basketball tickets for family outing. Matt 925-648-8352

Body by Jake with total body work out equipment. Reasonable price. 925-449-7525

Video of the January 5, 2003 49ers vs Giants NFC playoff game. 209-832-1321

Would like to meet people who build wooden ship models as a hobby. 925-706-7444



## Continued from page 1

might be compromised.

This applies to how we conduct and report our research, how we safeguard classified material, how we handle funds and property, how we use facilities, equipment and resources, and how we treat our workforce. We are committed to doing all of these in a way that the public, our sponsors and our political leaders can feel confident that their trust in us has been well placed.

Although the lynchpin to our success has been the unparalleled advancement of science and technology, our institutional credibility requires that we ensure that all Laboratory activities unequivocally demonstrate that we are responsible and accountable keepers of the critical national security information, equipment, facilities and funds with which we are entrusted. We are entrusted with unique and critical national responsibilities, and we have been provided an exceptional professional environment under the University of California to accomplish our mission. Accordingly, we should expect to be held to the highest standards of integrity.

As we work collectively to safeguard the nuclear weapons stockpile, address the nonproliferation issues associated with weapons of mass destruction, and provide leadership and innovation in environmental science, biomedicine and other areas of national importance, we must recognize the vital roles and responsibilities of each Laboratory employee, regardless of their particular discipline or job assignment. We rely heavily on each person's sense of responsibility to "do the right thing" and be accountable for his/her own actions.

Our relationship with the University of California is extremely important. If we are to preserve the integrity of that relationship, we must do everything within our power to prevent any activities that damage our credibility with the public, Congress, our federal agency sponsors, and the University as a whole. We all make daily choices, which can either enhance or adversely impact how we are viewed, and it is critical

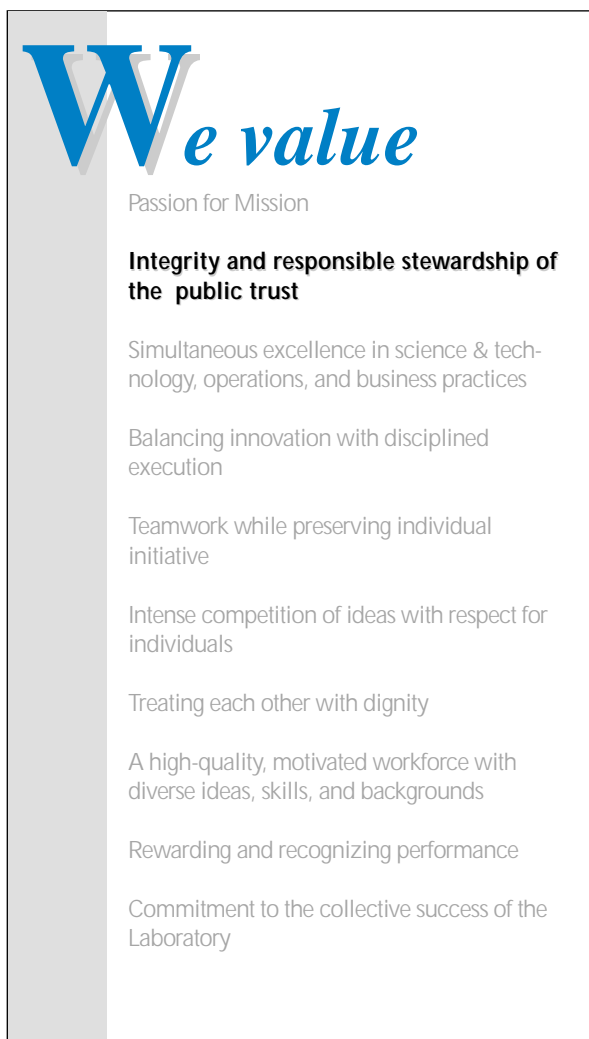
## Continued from page 1

also was named a 2002 fellow. He was cited for his “distinguished contributions to the advancement of nuclear science and technology.”

Smith has 30 years of experience in the nuclear and environmental fields both at the Laboratory and in private industry. Last year he was selected as a fellow of the American Nuclear Society.

"I consider it quite an honor to be named an AAAS fellow," Smith said. "I feel especially privileged to receive professional recognition from such a well-known and highly respected organization."

At the Laboratory, Smith oversees research in nuclear technology for national security issues and as a potential source of commercial energy. In addition, he has had oversight responsibility for the Laboratory's support to the Department of Energy in monitoring the purchase of highly enriched uranium



that we apply these shared values when making such choices.

In a dynamic and vibrant organization such as our Laboratory, with more than 8,000 employees spending more than \$1.5 billion in federal funds annually, there will inevitably be situations that cause us, and those who oversee us, concern. No system of rules, checks and controls can be perfect. Ultimately, we depend on the integrity and dedication of all our employees to conduct our work with the highest stan-

from Russia.

Smith has led several collaborative projects with institutions in the former Soviet Union, most recently serving as the project manager for the development of new radiation sensors with the Kharkiv Institute of Physics & Technology in the Ukraine and collaborating on the development of new approaches for the detection of explosives and other contraband. Smith also worked on the development of the robotic technologies for the cleanup of the Chernobyl nuclear power plant.

Each year, a group of peers selects AAAS members to become fellows. Awarded to 291 members this year, these researchers have been elevated to this rank because of their efforts to advance science or foster applications that are deemed scientifically or socially distinguished.

This year's fellows will be presented with an official certificate and a gold and blue (representing science and engineering, respectively) rosette pin on

dards, to recognize and correct any problems in a timely fashion, and to bring any issues to management's attention immediately.

Should we make a mistake, we must act swiftly, openly and with the highest degree of integrity and accountability. Our sponsors expect no less from us, and the public demands it.

As University of California employees, we must remember that virtually all of the property we use, all of the documents, technology or experimental results we produce, all of the projects we manage, all of the official trips we take, all of the procurements we execute, all of the facilities and land we occupy, and every technical conference we host, belongs to the federal government — primarily the Department of Energy/National Nuclear Security Administration. Our accountability to the public trust is therefore twofold: first as a federally funded institution and second as part of the not-for-profit University system.

In making choices in the workplace, we must always consider how the public would view our actions. We must avoid putting ourselves or the Laboratory in situations where there is either an actual or perceived conflict of interest.

In the evolution and expansion of the Laboratory's mission, which now involves a strong association with the newly created Department of Homeland Security, we are increasingly involved with the private sector through industrial partnerships and cooperative research and development activities. World-class projects such as the National Ignition Facility and our Advanced Simulation and Computing Initiative will keep the Laboratory front and center with the media, Congress, our local community, the public, and our federal sponsors.

The best way to meet the expectations of these groups is through action, not just words. Through continued scientific, technological and operational excellence, we will prove, beyond any doubt, that we place an extremely high value on demonstrating our integrity, trustworthiness, and commitment to our stewardship responsibilities.

*Steve Hunt is the associate director of Laboratory Services.*

Saturday, Feb. 15, at the fellow's forum during the 2003 AAAS Annual Meeting in Denver, Colo.

The tradition of AAAS fellows' distinction began in 1874. Members can be considered for the rank of fellow if nominated by the steering groups from the associations' 24 sections or by any three fellows who are current AAAS members (as long as two of the three sponsors are not affiliated with the nominee's institution) or the chief executive officer.

Each steering group then reviews the nominations and forwards a final list to the AAAS Council, which then votes on the finalists.



Several Laboratory scientists will be presenting research this weekend at the American Association for the Advancement of Science 2003 Conference in Denver.

Cecil Leith of the Energy and Environment Directorate will discuss "Ensemble Weather Forecasting" on Saturday from 10:30 a.m. to noon during the "Predictability and Randomness in Weather Forecasting" session.

Claire Max of the Physics and Advanced Technologies Directorate's Institute for Geophysics and Planetary Physics will host the Sunday session titled: "A Sharper Image: Adaptive Optics and Its Applications," from 8:30 to 11:30 a.m. Seran Gibbard of IGPP will discuss "Titan's Surface: Ice Highlands and Hydrocarbon Lakes?" during the session.

Bob Ferencz of the Engineering Directorate's Defense Technologies Engineering Division in collaboration with David McCallen of Engineering's Laser Science Engineering Division, will discuss "Technologies for Assessing and Addressing the Terrorist Threat to Infrastructure," from 2:30 to 5:30 p.m. during Sunday's session titled: "Security for Life: The Science Behind Security Technologies."

Tom Isaacs of the Director's Office, who also served as a member on the National Academies of Science National Resource Council, will discuss the NRC's report on Yucca Mountain on Tuesday from 8:30 to 11:30 a.m. during the "Nuclear Waste: File and Forget?" session.

The AAAS meeting runs from Feb. 13 through Tuesday at the Denver Convention Center.

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